

Susan M. Hohner
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Boynton Beach, FL 33437
561-732-7158

EDUCATION

M.A., Geography, Florida Atlantic Univ., 1994, GPA 4.0.
B.A., Political Science, S.U.N.Y at Stony Brook, 1977.
New York State Regents Scholarship, awarded by exam, 1971.

AFFILIATIONS & CERTIFICATIONS

Gamma Theta Upsilon International Geographical Honor Society
Phi Kappa Phi Honor Society
Association of American Geographers (AAG)
Florida Society of Geographers
Florida chapter of Urban and Regional Information Systems Association (URISA)
Florida Atlantic University Geography Student Organization, Founding President
Authorized ESRI Trainer for Introduction to ArcGIS I
Association for Computer Application Certified Trainer

PUBLICATIONS AND PRESENTATIONS

Water Depth Patterns within the Decomp Project Footprint – Hopeful for Restoration?
Christopher McVoy and Susan Hohner. Poster presented at the 2006 Greater Everglades Ecosystem Restoration Conference, June 5 – 9, 2006, Lake Buena Vista, FL.

South Florida Water Management District Monitoring Sites Map Series. Poster Series presented at the Annual ESRI (ArcGIS) User Conference, August 9-13, 2004, San Diego, CA.

An Innovative Use of Existing Technologies for Environmental Data Gathering. Poster presented at the Leica Geosystems GIS and Mapping 2003 User Group Meeting and Airborne Sensor Workshop, August 18-21, Denver, CO.

Environmental Data Gathering Using Geospatial Technologies on a Stable Low-Altitude Platform. Poster presented at the Annual ESRI (ArcGIS) User Conference, July 8-12, 2002, San Diego, CA.

White Paper of the Remote Sensing Assessment Team. Chair and primary author of SFWMD in-house inventory and needs assessment of remotely sensed data and technology, March 2001 (internal publication).

GIS Time Series Analysis of the Loxahatchee Slough, Florida. Paper presented at the Annual ESRI (Arc/Info) User Conference, July 27-31, 1998, San Diego, CA. Published in HTML format on User Conference Proceedings CD and <http://www.esri.com/library/userconf/proc98/PROCEED/TO250/PAP216/P216.HTM>

GIS on the Web. Poster presented at the Annual ESRI (Arc/Info) User Conference, July 8-11, 1997, San Diego, CA.

Converting Text Files to Point Coverages. Poster presented at the Annual ESRI (Arc/Info) User Conference, May 20-24, 1996, Palm Springs, CA.

Modeling Aquifer Recharge with GIS. Susan M. Hohner and Philip K. Fairbank. In, GIS and Remote Sensing: Research, Development and Applications. Proceedings of GEOINFORMATICS'96. Volume 2, pages 386-391. April, 1996.

Mapping Recharge (Infiltration/Leakage) Throughout the South Florida Water Management District. Philip K. Fairbank and Susan M. Hohner. Technical Publication 95-02 (WRE 327) South Florida Water Management District. August 1995. West Palm Beach, FL.

Aquifer Recharge Modeling of Florida's Lower West Coast. Poster presented at the Annual ESRI (Arc/Info) User Conference, May 22-26, 1995, Palm Springs, CA.

Vegetation Time Series Analysis of the Loxahatchee Slough, Palm Beach County, FL: A GIS Incorporating Satellite Imagery with Black and White Aerial Photography. Masters Thesis. 1994. Florida Atlantic University, Boca Raton, FL. Presented at the 30th Annual Florida Society of Geographers Meeting, January 13-15, 1995, Ft. Lauderdale, FL. Awarded Best Graduate Student Paper.

PROFESSIONAL EXPERIENCE

SENIOR GEOGRAPHER

Current position in Landscape Analysis, Mapping and Data Automation Section
Everglades Division, Watershed Management Department
South Florida Water Management District
West Palm Beach, FL 33406
October 1993 - present

Activities, current and past, include vector and raster modeling, data conversions, geodatabase, shapefile, coverage and grid creation, update and QA/QC, map composition and plotting, scanning and georectification, digital image analysis of satellite images, aerial photography and digital orthophoto quarter quadrangles (DOQQs), and photo-interpretation. Managing Environmental Monitoring and Assessment Department Technical Resources Section GIS and Remote Sensing staff activities, contract management, budget development, communication with division and department managers. GIS application maintenance, analysis and support, and GIS web publication, using ArcGIS, Arc/Info, ArcView, ENVI and ERDAS Imagine on Windows XP (Dell Pentium III / Precision 220). Development and presentation of in-house GIS, RS and Web demonstrations and classes (ESRI Authorized Trainer; Timer Powers Productivity Award). World Wide Web accomplishments include GIS and RS GateKeeper, Water Shortage WebPages Team leader (Timer Powers Productivity Award and Sam's Selects Web Page Award), and Hydrogeology Division Web DocMaster (Timer Powers Productivity Award). Committee work includes Remote Sensing Assessment Team (RSAT) Chair, GIS Working Group liaison, department GIS Training Coordinator, Comprehensive Everglades Restoration Plan (CERP) Member, RECOVER Water Quality Team/Remote Sensing Subteam, GIS Web Committee Chair, District Web Team, Arc/Info 8 Beta Test Team, GIS User Group Chair, GIS Technical Advisory Committee, Remote Sensing User Group, GIS Job Study Group, UNIX User Group, Information Technology Convergence Project Team, and Spatial Data Inventory Committee.

RESEARCH ASSOCIATE

Depts. of Geography and Economics, Florida Atlantic Univ.
Boca Raton, FL 33431-0991
Fall Semester (August-December) 1993

Guest lecturer for Conservation of Natural Resources (GEO3370). Topics: Water Resources (3 hour presentation) and Global Warming (2 hour presentation). Designed Mid-term and Final-exam questions on topics covered. Development of DBASE IV database for 'Post Storm Dunes and Beaches' Grant.

LIBRARY TECHNICAL ASSISTANT

Library Reference Department, Florida Atlantic Univ.
Boca Raton, FL 33431-0991
July 1993 - October 1993

Advised library patrons in utilization of CD-ROM databases on LAN and stand-alones, reference materials, government documents, and LUIS computerized library collections index system. Responsible for the design of a Paradox 3.5 relational database for journals collection. Technical troubleshooting (e.g. system failures, printer problems). WordPerfect 5.1 and INTERNET access with PC's on FAUVAX network.

TUTOR in Statistics and WordPerfect 5.1.

Self Employed
April 1993 - August 1993

Individual and group tutoring in Statistics to FAU students. Independent Consultant to Computer Coach, Inc., Boca Raton, teaching group classes and providing individual tutoring in introductory and advanced WordPerfect.

TEACHING ASSISTANT in Digital Image Analysis

Department of Geography, Florida Atlantic University
Boca Raton, FL 33431-0991
Spring Semester (January-April) 1993

Responsible for teaching computer lab sessions, grading lab assignments, and assisting students working on projects. IDRISI 4.0 grid-based geographic information and image processing software, PC-ARC/INFO 3.4 vector GIS spatial relational database software on PC's.

TEACHING ASSISTANT in Introduction to Statistics

Institute of Behavioral Research, Florida Atlantic Univ.
Boca Raton, FL 33431-0991
Fall Semester (August-December) 1992

Responsible for teaching computer lab sessions, grading weekly quizzes, and assisting students working on learning modules utilizing Adventures in Statistics software with PCs on FAU VAX network.

FISCAL OFFICER

College of Arts and Humanities, Florida Atlantic Univ.
Boca Raton, FL 33431-0991
1989 - 1992

Oversaw all fiscal transactions (including Purchasing, Travel, Foundation, and Budget management) and maintained records for College. Generated contracts for faculty and adjuncts. Verified payroll certifications and distributed College payroll. Liaison to administrative offices. Advised departmental secretaries on procedures and forms. Supervised student assistants. Minor computer repairs and installations. WordPerfect 5.0, Lotus 1-2-3 2.2, and INTERNET on IBM PS/2, DOS 3.3, FAU VAX network.

REGISTRAR

New England Institute of Technology
West Palm Beach, FL 33407
1987 - 1988

Responsible for maintenance of academic records, development of class schedules and commencement lists, registration activities, preparation and release of student transcripts, compilation of government statistical reports (NATTS and ELSC), calculation of financial obligations of withdrawing students, liaison to Veterans Administration (attended VA School Workshop, St. Petersburg, FL, July 1988). Supervised two secretaries. Xitron Data-Ed software on Concept Omega Thoroughbred 386, Thoroughbred BASIC Network OS.

ASSISTANT FOR INSTITUTIONAL RESEARCH

Department of Physiology and Biophysics, SUNY Stony Brook
Stony Brook, NY 11794
1985 - 1987

Laboratory administration, grant application and maintenance (NIH & NSF), budgeting, purchasing, electronic filing, manuscript preparation, technical typing, e-mail (BITNET), and on-line research (Chem Abstracts Services). WordStar and Notebook II database on IBM-PC & AT, DOS 3.2.

ASSISTANT TO THE DIRECTOR OF PROJECTS

Department of Computer Science, SUNY Stony Brook
Stony Brook, NY 11794
1984 - 1985

Office administration, grant application and maintenance (NASA & DOD), budgeting, purchasing and inventory control. Project director left the office in my charge during one-year sabbatical, starting two weeks after I began the position. Emacs word processing and CSNET on VAX 11/780, UNIX 4.2 Berkeley.